

122  
50

A) 5'...ATGCTCTGCACGAATAC...3' PST I 5'...ATGCTCTGCA 3' + 5' GGAATAC...3'  
3'...TACGAGACGTCCTTATG...5' 3'...TACGAG 5' 3' ACGTCCTTATG...5'

FIG. 1

B) 5'...ATGCTCTGCA 3' + 3'ACGTNNT - (FITC) 5' T4 5'...ATGCTCTGCA 3'  
3'...TACGAG 5' DNA 3'...TACGAGACGTNNT - (FITC)

FIG. 2

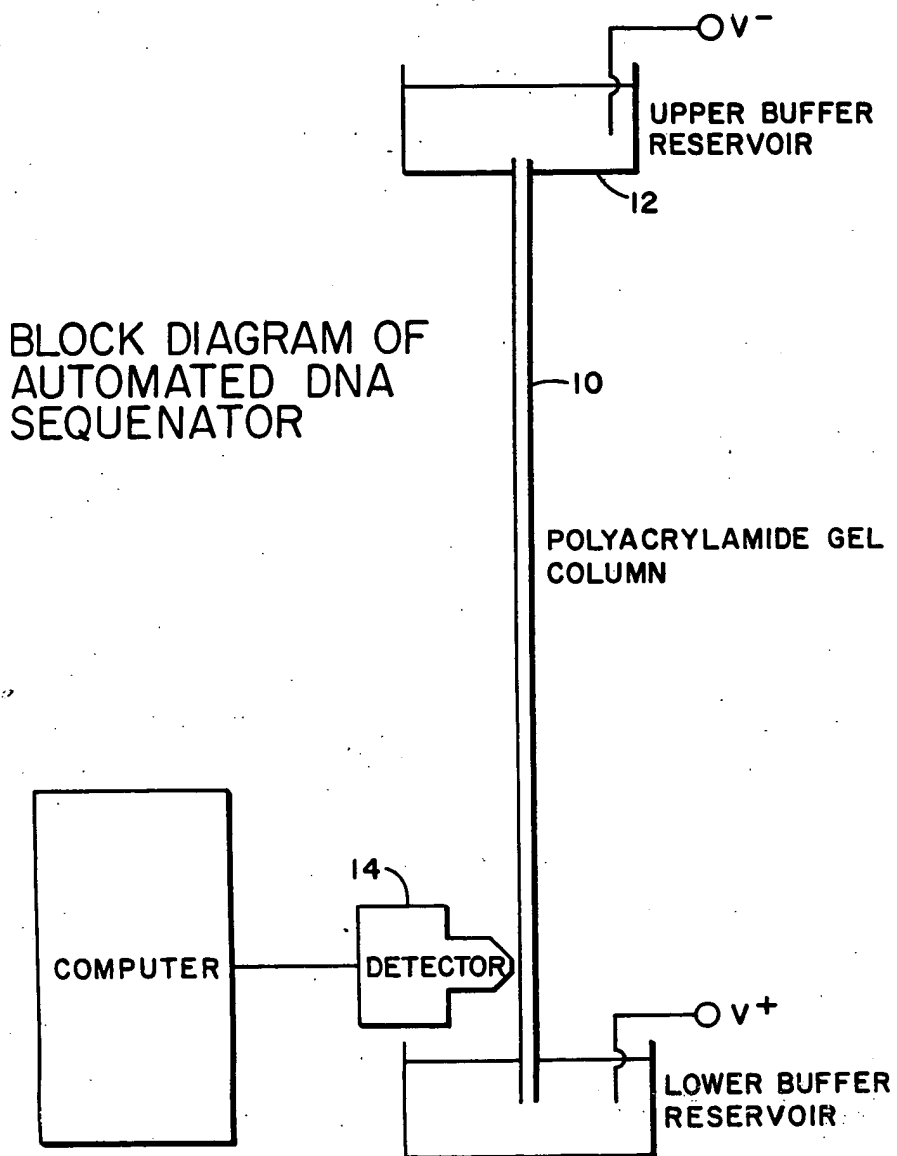
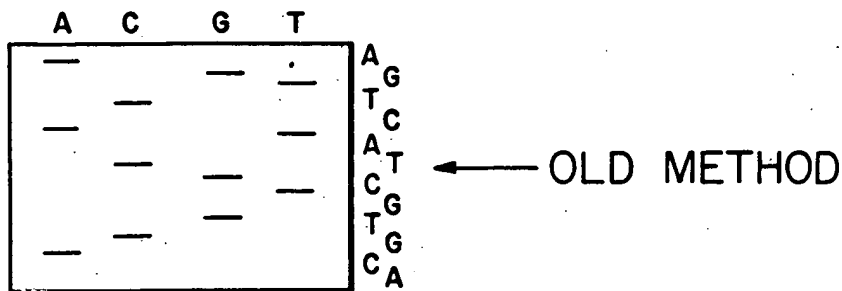


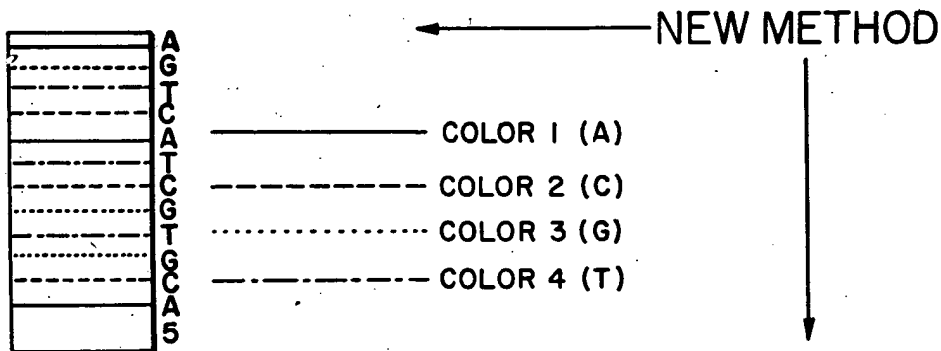
FIG. 3

I) A HYPOTHETICAL DNA SEQUENCE  
5' ACGTGCTACTGA 3'

II) IDEALIZED AUTORADIOGRAM OF POLYACRYLAMIDE SLAB GEL  
PRODUCED IN CHAIN TERMINATION SEQUENCING ACCORDING TO  
THE PRIOR ART



III) IDEALIZED DIAGRAM OF COLORED DNA BANDS ON TUBE ACRYLAMIDE  
GEL, PRODUCED ACCORDING TO PRESENT INVENTION



IV) IDEALIZED OUTPUT FROM DETECTION OF COLORED BANDS ON ABOVE  
TUBE GEL

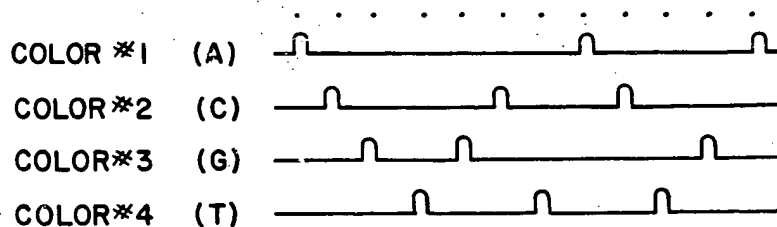
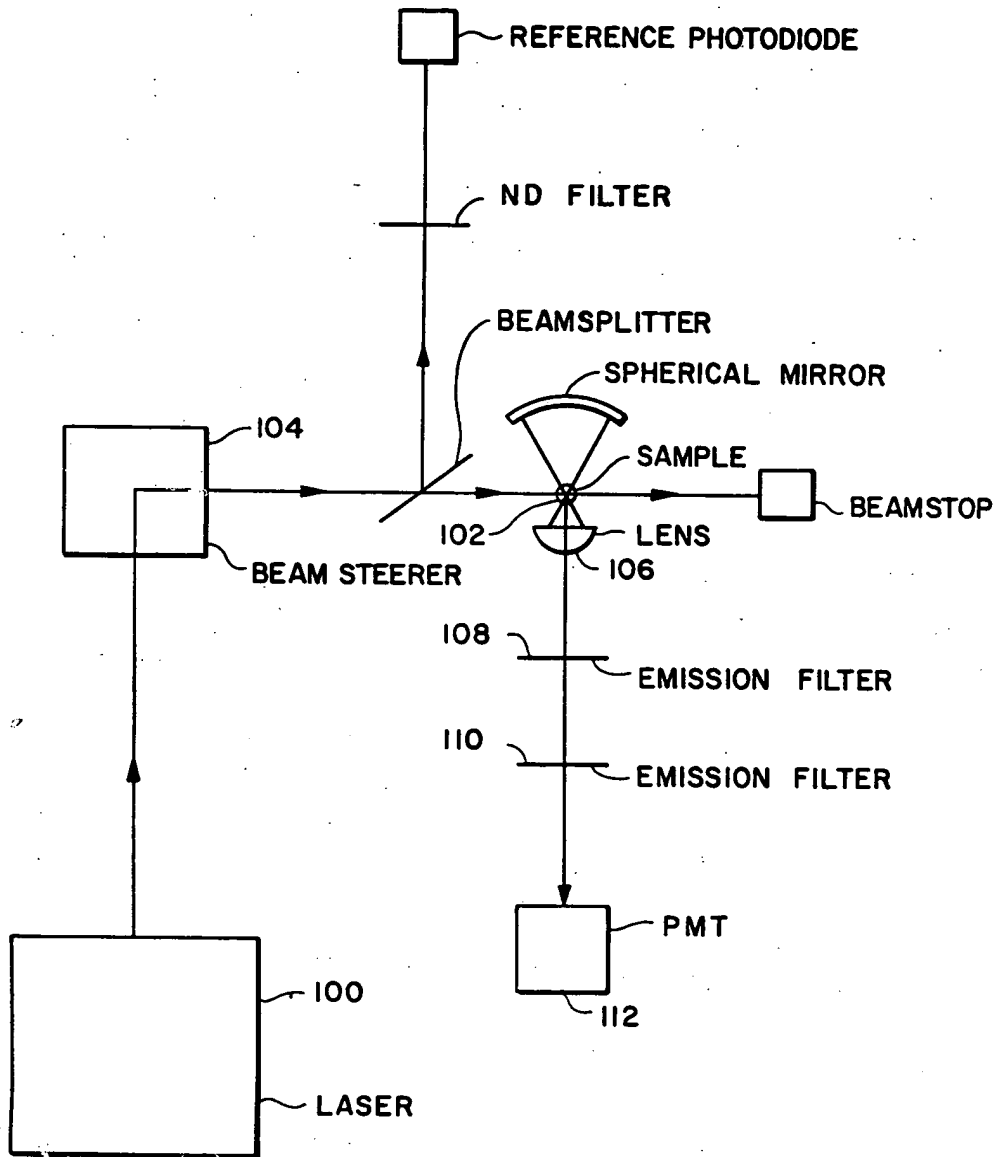
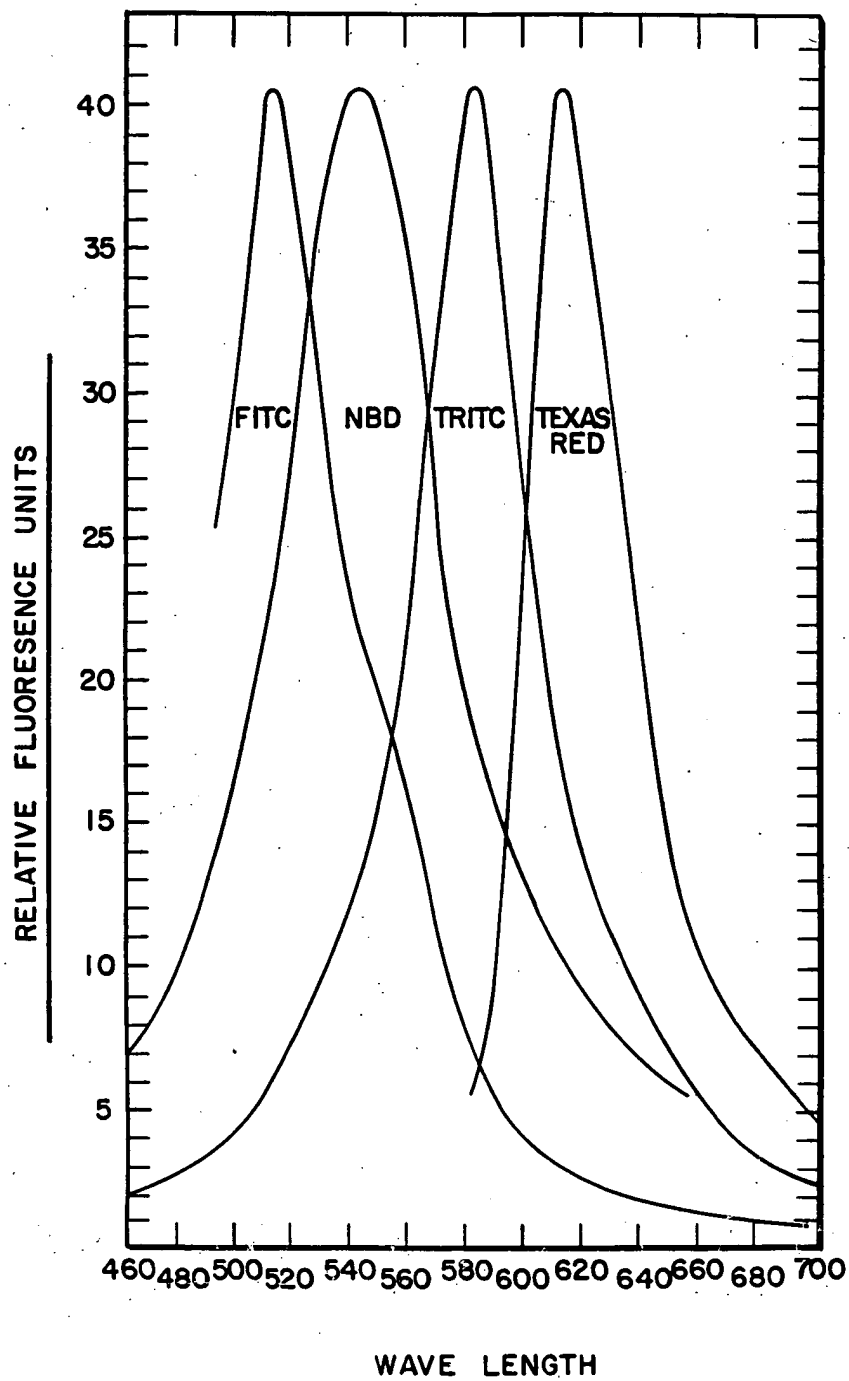


FIG. 4



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FIG. 5



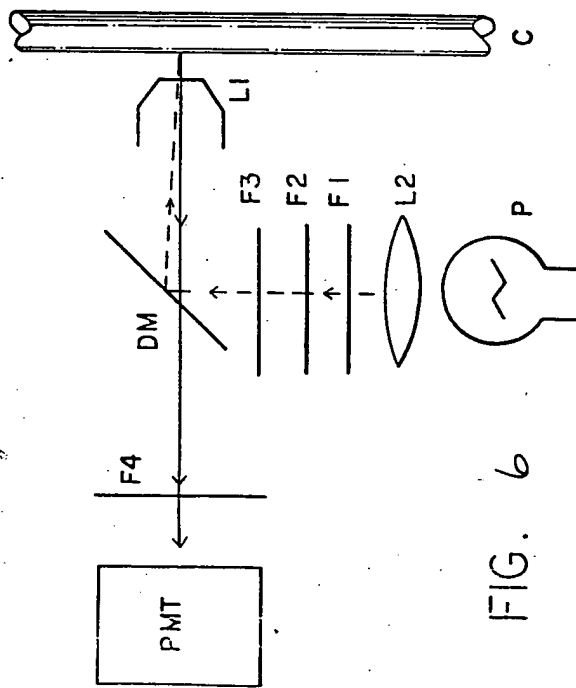


FIG. 6

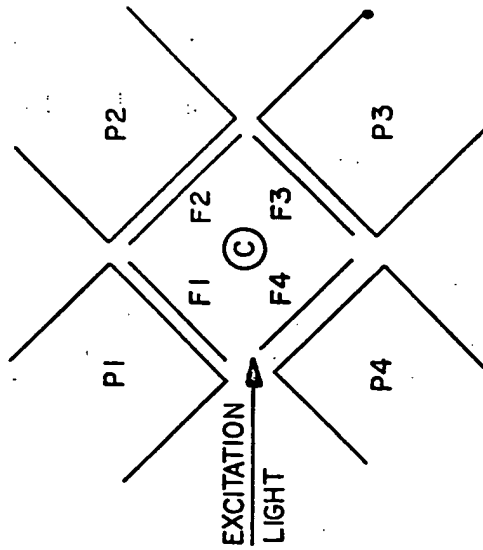


FIG. 7